

AUSTRALIA TELESCOPE: PARKES OBSERVATORY

P O BOX 276 PARKES. NSW 2870 Tel (068) 62 3677 FAX: (068) 62-3341 E-Mail: parkes@atnf.csiro.au

OBSERVING SCHEDULE FOR 1993 APRIL TERM

1. DURATION

The term starts at 0800 hrs on Thursday 1st April 1993, and ends 0800 hrs on Wednesday August 4th. All times listed are in Eastern Civil Time (i.e. either Standard Time or Summer Time as appropriate).

NOTE

**CLOSING DATE FOR APPLICATIONS FOR
TIME
FOR AUGUST TERM 1993: MAY 31 1993**

2. DAILY OBSERVING PERIODS AND OIC TIME

On weekdays, observing time is allocated from 1400 hrs until 0800 hrs the following morning, except on Tuesdays when observing time begins at 1600 hrs. Observing time on week-ends and public holidays runs from 0800 hrs until 0800 hrs the following morning. These times may be varied according to the needs of the Observatory as determined by the Officer-in-Charge.

All time outside the daily observing periods is assigned to the OIC. Observers will not be able to observe during the time assigned to the OIC and must be prepared to relinquish use of the equipment promptly at the end of the scheduled periods.

3. TELESCOPE OPERATION

Whenever the telescope is not stowed a qualified telescope operator must be present in the control room and, in addition, at least one other person must be present in the telescope tower or structure (but not necessarily in the control room).

4. WIND RESTRICTIONS

Instructions for the operation of the telescope in wind are displayed in the control room. The telescope operator is the person responsible for any action to be taken. No one may override an automatic wind-stow operation initiated by the computer except in any emergency situation as determined by the telescope operator on duty.

5. ACCOMMODATION

Accommodation at the Quarters is usually available from the night before an observing session starts until the day following the end of observations.

Any CSIRO person whose name is not listed on the program must first obtain permission from their Group Leader before making arrangements. Other observers and intending casual visitors should contact the Observatory Director first. ALL OBSERVERS AND VISITORS MUST ENSURE THAT THE OBSERVATORY IS INFORMED OF THEIR PROPOSED ARRIVAL AND DEPARTURE TIME.

6. MEAL TIMES

Breakfast: (Self-Service from our Breakfast Bar each day)

Lunch: 1230

Dinner: 1745

Please book your meals by writing your name in the book in the dining room.

7. LIASON WITH OBSERVATORY STAFF

The "underlined" observer is that person designated by the observing group as the official contact with observatory staff regarding technical matters, driving requirements etc.

8. VLBI/PTI TIME

Any team granted VLBI/PTI time will need to arrange their own operators for Tidbinbilla.

9. FAULT REPORTING

A single fault reporting system has been introduced at the Observatory. Observers should enter any fault or occurrence which has resulted in lost observing time, along with the amount of time lost, into the fault diary located in the control room.

LIST OF INSTITUTIONS

AAO	Anglo Australian Observatory	ROE	Royal Observatory Edinburgh
AMES	AMES Research Centre	PU	Princeton University
ASC	Astro Space Centre Russia	RP	CSIRO Division of Radiophysics
AR	Arecibo Observatory	SETI	SETI Institute
ATNF	Australia Telescope National Facility	S.T.Sc.I.	Space Telescope Science Institute
BOL	Bologna	SO	Shanghai Observatory
CfA	CfA, Cambridge	SU	Sydney University
CRL	Communications Research Labs	UA	University of Adelaide
CU	Curtin University	UB	University of Basel
FE	Fermilab Chicago	U BONN	University of Bonn
HR	Hart RAO	UCHIL	University of Chile
HS	Harvard -Smithsonian Centre for Astrophysics	UMA	University of Maryland
IL	University of Illinois	UMELB	University of Melbourne
JB	Jodrell Bank	UMIN	University of Minnesota
JHU	John Hopkins University Baltimore	UM	University of Montreal
JPL	Jet Propulsion Labs	UNSW	University of New South Wales
KI	Kapteyn Institute	U TAS	University of Tasmania
MO	Meudon Observatory	U WASH	University of Washington
MPI	Max Plank Institute	UP	University of Palermo
MSSSO	Mt. Stromlo and Siding Springs Observatory	UWA	University of Western Australia
NAO	National Astronomy Observatory (Japan)	UWS	University of Western Sydney
NRL	Naval Research Labs		
NFRA	Netherlands Foundation for Research in Astronomy		
NROBS	Noreyamar Radio Observatory		
OSO	Onsala Space Observatory		
QU	Queens University Belfast		
RRI	Raman Research Institute		

Special Notice

Accommodation Bookings

**An E-Mail address has been set up for the Parkes Office,
it is:**

parkes@atnf.csiro.au

Non CSIRO-RP/ATNF Astronomers may find it convenient to book their accommodation by E-Mail to this address. CSIRO-RP/ATNF staff should continue to make their travel and accommodation arrangements in the usual way.

Date	Project	l(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
APR	P050(I)						
Thu 01	Pulsar Survey and Timing	70cm	430	Cavity Disk	Own	Own	
Fri 02	Manchester Johnston Bailles	50cm	640	Cavity Disk			
Sat 03	Glowacki (ATNF) Lyne						
Sun 04	Harrison Robinson Lorimer (JB)						
Mon 05	D'Amico Nicastro (Bol) Kaspi (PU)	20cm	1500 MHz	Wideband H-OH			
Tue 06							
Wed 07							
Thu 08							
Fri 09							
Sat 10							
Sun 11							
Mon 12							
Tue 13							
Wed 14							
Thu 15	Low Noise L Band Receiver Tests						
Fri 16							
Sat 17	ATNF STAFF						
Sun 18							



Date	Project	l(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
APR Mon 19	Installation and Pointing Multiband Receiver PARKES STAFF	3cm		Noddy Dual Beam			
Tue 20 Wed 21 Thu 22 Fri 23 Sat 24 Sun 25 Mon 26	V039 VLBIPTI Norris Amy Migenes Reynolds Troup (ATNF) VO17 VLBIPTI Reynolds Tzioumis Jauncey (ATNF) King Lovell (UofT) Russell Johnston (NRL) White (UWS)	3.6cm 18cm	8410 MHz 1612 MHz	3cm RCP OH	VLBI MK III PTI		Times AEST 20/4 1636-2235 25/4 0210-0210 26/4
Tue 27 Wed 28 Thu 29 Fri 30 MAY Sat 01 Sun 02	P096 Polarisation, Mapping of the Galactic Centre Haynes Stewart (ATNF) Grey (SU) Duncan (UQLD) Reich Reich (MPI)	13cm	2.5 GHz	S Band	BonnPol	SCAN NOD	Vertex Rotator

J Reynolds

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Date	Project	l(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
MAY	P005(1)	18	1612 MHz	Dual Circ.	Corr.	Spectra, Slap, Spot	
Mon 03 Tue 04	OH/IR Stars and Galactic Centre Distances Chapman , Caswell, Killeen (ATNF) teLintel-Hekkert Harnett (SU)						
Wed 05	P050(2) 20cm Pulsar Timing Manchester et al	20cm	1500 MHz	Wideband H-OH	Own	Own	
Thu 06 Fri 07 Sat 08 Sun 09	P103 HI Observations of Seyfert Galaxies Blank (ATNF/SU) Norris (ATNF) Cram (SU)	21cm	1420 MHz	H-OH	Corr	SPECTRA	

New Receiver



Pro starts



Date	Project	l(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
MAY	V042 VLBI	6cm	5GHz	C Band	VLBI		<u>Times AEST</u> 10/5 0800
Mon 10	Radio Source Survey 5 GHz						
Tue 11	Tongshan Tongqi Wenjing						
Wed 12	Xue (SO) Jauncey Reynolds						
Thu 13	Tzioumis Migenes Ferris						
Fri 14	(ATNF) McCulloch King Lovell (UoT) Preston Meier Jones Murphy (JPL) Edwards Clay (UA) Costa (UWA) Nicolson (HR)						

Date	Project	l(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
MAY	SWEO & MECHANICAL SHUTDOWN						VLBI
Sat 15 } Sun 16 }	VLBI Jammy.						
Mon 17	ATNE STAFF						
Tue 18	Bob Emckson						
Wed 19	1. Noise Sensor ✓						
Thu 20	2. Abundant Bridge						
Fri 21	75 MHz.						
Sat 22	3.						
Sun 23	(to Wilton etc)						
Mon 24	(to Willard)						
Tue 25	(to Willard)						
Wed 26	hammer						
Thu 27	(002) 20299R UT						
Fri 28	(002) 931255 Home.				(5hr. Friday 18am) Tarrs.		- Caltech, over VLBA ?
Sat 29							
Sun 30							
Mon 31	Installation and Pointing Multiband Receiver PARKES STAFF	3cm		Noddy Dual Beam			

Date	Project	l(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
JUN Tue 01	P050(3) 20cm Pulsar Timing Manchester et al	20cm	1500 MHz	Wideband H-OH	Own	Own	
Wed 02 Thu 03	P005(2) OH/IR Stars and Galactic Centre Distances Chapman , Caswell, Killeen (ATNF) teLintel-Hekkert Harnett (SU)	18	1612 MHz	Dual Circ.	Corr.	Spectra, Slap, Spot	

Date	Project	l(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
JUN	P066	21cm	1420 MHz	H-OH	Corr 32MHz	SLAP	
Fri 04	Confirmation of Suspected Nearby Supercluster in the Zone of Avoidance Kraan-Korteweg Van Woerden(KI) Henning (NFRA)						
Sat 05							
Sun 06							
Mon 07							
Tue 08							
Wed 09							
Thu 10							
Fri 11							
Sat 12							
Sun 13							
Mon 14	P038 Search of Protogalaxies Stavely-Smith Walsh Wright Wilson (ATNF)	21cm	1390 MHz	H-OH	Corr 64MHz	SLAP SPOT SPECTRA	
Tue 15							
Wed 16							
Thu 17							
Fri 18							
Sat 19	P050(4) 20cm Pulsar Timing Manchester et al	20cm	1500 MHz	Wideband H-OH	Own	Own	
Sun 20							
Mon 21							

Date	Project	l(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
JUN Tue 22 Wed 23 Thu 24 Fri 25 Sat 26 Sun 27 Mon 28	PI04 Low-Frequency Carbon Recombination Lines in the Southern Galaxy Erickson (UofT) McConnell (ATNF) Anantharamiah (RRI) Payne (STScI)	4m	74 MHz	Crossed Dipoles	Corr	SPECTRA	
Tue 29 Wed 30 JUL Thu 01	P098 Mapping HI Emission in the Fields of SN 1978a/30 Dor Dickey (UMIN) Mebold Kalberla Osterberg (UBONN) Stavely-Smith Manchester (ATNF) Vaile (UWS)	21cm	1420 MHz	H-OH	Corr	SPECTRA	

Date	Project	l(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
JUL Fri 02 Sat 03 Sun 04 Mon 05	V008 VLBI/PTI VLBI Monitoring of the Nucleus of Centaurus A Jauncey Tzioumis Gough Wark Ferris Reynolds (ATNF) Meier Preston (JPL) King McCulloch (UofT) Nicolson McCleod(HR)	3 cm	8410 MHz	X Band	VLBI		<u>Times AEST</u> 2/7 2215-0345 3/7 3/7 0835-2200 4/7 4/7 2105-1130 5/7
Tue 06 Wed 07	P055 Is the Cosmological Principal Correct? Mathewson Ford (MSSSO)	21cm	1.4 GHz	H-OH	Corr	SPECTRA	

Date	Project	l(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
JUL	P050(5)	70cm	430	Cavity Disk	Own	Own	
Thu 08	Pulsar Survey and Timing						
Fri 09	Manchester Johnston Bailles	50cm	640	Cavity Disk			
Sat 10	Glowacki (ATNF) Lyne						
Sun 11	Harrison Robinson Lorimer (JB)						
Mon 12	D'Amico Nicastro (Bol) Kaspi (PU)	20cm	1500 MHz	Wideband H-OH			
Tue 13							
Wed 14							
Thu 15							
Fri 16							
Sat 17							
Sun 18							
Mon 19							
Tue 20	P005(3)	18	1612 MHz	Dual Circ.	Corr.	Spectra, Slap, Spot	
Wed 21	OH/IR Stars and Galactic Centre Distances Chapman , Caswell, Killeen (ATNF) teLintel-Hekkert (MSSSO) Harnett (SU)						

Date	Project	l(cm)	Freq	Feeds / Vertex	Backend	Computer Programs	Comments
JUL Thu 22 Fri 23 Sat 24 Sun 25 Mon 26	P089 Low Surface Brightness Objects Redshift Survey Côte' (MSSSO) Broadhurst (JHU) Loveday (FC)	21cm	1390 MHz	H-OH	Corr 32MHz	SLAP SPOT SPECTRA	
Tue 27 Wed 28 Thu 29	K BAND INSTALLATION AND POINTING PARKES STAFF						
Fri 30 Sat 31 AUG Sun 01 Mon 02 Tue 03 Wed 04	P097 Search for Ultra-high Velocity H ₂ O Maser Emission <i>Miyoshi</i> Nakai Inoue Miyoshi (NROBS) (Hall)	1.3cm	22.23 GHz	K Band	Corr 64 MHz	S	<i>SR</i>